

# Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI.

WASHINGTON, D. C., OCTOBER 23, 1896.

No. 43.

## UNITED STATES.

*Department order relative to entry at Apalachicola of vessels from Cuban ports.*

WASHINGTON, D. C., *October 14, 1896.*

Refuse entry to all vessels from Cuban ports unless provided with quarantine certificate from quarantine officer at Pensacola, Tampa Bay, Tortugas, Fernandina, Brunswick, or South Atlantic quarantine. Notify Apalachicola authorities of this order and deputy collector at Carrabelle. See Quarantine Regulations, page 25, article 2, paragraph 2; also page 29, article 8. This action is necessary because it is learned that vessels from yellow fever infected ports are being admitted without the required disinfection and contrary to regulations.

CHARLES S. HAMLIN,  
*Acting Secretary.*

COLLECTOR OF CUSTOMS, *Apalachicola, Fla.*

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

*Report of transactions at San Francisco quarantine.*

ANGEL ISLAND, CAL., *October 6, 1896.*

SIR: I have the honor to report that, during the month of September, 451 Chinese steerage passengers were quarantined, all of whom were bathed and their clothing and baggage disinfected.

The bills of health from the Orient still indicate the presence of plague in China and relapsing fever, cholera, and smallpox in Japan.

Very respectfully,

M. J. ROSENAU,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to October 21, 1896.\**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Arkansas:				
Conway County.....	Sept. 18.....	1		
Faulkner County.....	.....do.....	9		
Van Buren County.....	.....do.....			Smallpox reported.
Florida:				
Key West.....	June 25-Aug. 3....	42	8	
Pensacola.....	May 20-July 4....	5	2	
	July 11-July 18....	1		
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 18....	83	24	
	July 25-Aug. 22....	7	2	
	Sept. 19-Sept. 26....	1		
Shreveport.....	May 16-May 30....	2		
	June 6-June 13....	6		
New York:				
New York.....	May 1-May 31....	1	1	
North Hempstead.....	.....do.....	1		
Ohio:				
Dayton.....	May 28-June 4....	1	1	
	June 18-June 25....	1	1	
	July 2-July 9.....		1	
Tennessee:				
Memphis.....	May 1-May 30....	10		
Shelby County (not including Memphis).....	May 1-May 31....	8	2	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
	Aug. 1-Aug. 31....	1		
Washington:				
Seattle.....	May 23.....	1		Case occurred April 27; now convalescent.
	Aug. 1-Aug. 31....	4	1	

\* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

*Report of immigration at Philadelphia for the week ended October 17, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, October 17, 1896.*

*Number of alien immigrants who arrived at this port during the week ended October 17, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 11	Steamship Rhyndland.....	Liverpool and Queenstown .....	130
Oct. 15	Steamship Sama.....	Port Antonio.....	1
	Total.....		131

JNO. J. RODGERS,  
*Commissioner of Immigration.*

*Report of immigration at Boston for the week ended October 17, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of Boston, October 17, 1896.

*Number of alien immigrants who arrived at this port during the week ended October 17, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 11	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	153
Do....	Steamship Armenia.....	Hamburg.....	61
Do....	Steamship Scythia.....	Liverpool and Queenstown.....	204
Oct. 12	Steamship Halifax.....	Halifax, Nova Scotia.....	47
Do....	Schooner I. V. Dexter.....	Liverpool, Nova Scotia.....	16
Oct. 14	Steamship Peruvian.....	Glasgow.....	72
Do....	Steamship Cestrian.....	Liverpool.....	9
Do....	Schooner Thomas W. Holder.....	Liverpool, Nova Scotia.....	1
Oct. 15	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	138
Do....	Steamship Olivette.....	Halifax, Nova Scotia.....	44
Do....	Steamship Pro Patria.....	St. Pierre, Miquelon.....	6
Do....	Schooner Brookline.....	Port Antonio, Jamaica.....	3
Do....	Steamship Bostonian.....	London.....	3
Oct. 17	Steamship Boston.....	Yarmouth, Nova Scotia.....	94
	Total.....		851

THOMAS F. DELHANTY,  
Commissioner of Immigration.

*Report of immigration at New York for the week ended October 17, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, October 19, 1896.

*Number of alien immigrants who arrived at this port during the week ended October 17, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 13	Steamship Aller.....	Bremen.....	190
Do....	Steamship Anchoria.....	Glasgow.....	76
Do....	Steamship Kaiser Wilhelm II.....	Genoa and Gibraltar.....	444
Do....	Steamship Venetia.....	Stettin.....	71
Do....	Steamship Kensington.....	Antwerp.....	140
Do....	Steamship Schiedam.....	Amsterdam.....	52
Oct. 14	Steamship State of Nebraska.....	Glasgow.....	33
Do....	Steamship Oevenum.....	Lisbon and the Azores.....	56
Oct. 15	Steamship Aachen.....	Bremen.....	88
Do....	Steamship Majestic.....	Liverpool and Queenstown.....	607
Do....	Steamship Spree.....	Bremen.....	163
Oct. 16	Steamship Palatia.....	Hamburg.....	124
Do....	Steamship Columbia.....	do.....	222
Do....	Steamship Norge.....	Copenhagen, etc.....	212
Oct. 17	Steamship St. Paul.....	Southampton.....	109
Do....	Steamship Lucania.....	Liverpool and Queenstown.....	408
	Total.....		2,995

Dr. J. H. SENNER,  
Commissioner of Immigration.

**QUARANTINE REPORTS.**  
*National quarantine stations.*

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Beaufort, N. C.	Oct. 10							No transactions.	4
Cape Charles, Va.	Oct. 17							No transactions.	4
Eureka, Cal.	Oct. 7							do.	1
Grays Harbor, Wash.	Oct. 9								
Do.	Oct. 14								
Gulf, Ship Island, Miss.	Oct. 10	Nor. bk. Bessie Hamilton,*	Oct. 1	Rio	Ship Island	Held for disinfection.			
		Am. sc. Willie Williams.	Oct. 4	Vera Cruz	Pascagoula.	Disinfected and held.	Oct. 8		
		Am. sc. Eleanor.	Oct. 7	Habana	Ship Island	do.			
		Am. sc. Florence and Lillian.	Oct. 8	do	Pascagoula.	do.			
		Am. sc. Frank B. Neally.	Oct. 9	Calbarien.	do	do			
Newbern, N. C.	do.							No transactions.	14
Port Townsend, Wash.	do.					88 pieces of Chinese baggage disinfected.		2 vessels spoken and passed.	13
Reedy Island, Del.	Oct. 17								1
San Diego, Cal.	Oct. 10								20
San Francisco, Cal.	Oct. 3								20
South Atlantic, Blackbeard Island, Ga.	do.	Ital. bk. Leonardo*.	Sept. 25	Rio	Savannah	Disinfected and held.			
		Por. bk. Arcellina*.	do.	do	do	do			
		Ger. bk. Titania*.	Sept. 25	do	Wilmington, N. C.	Held for disinfection.			
		Nor. bk. Nor*.	do.	Demerara	do	do			
		Br. bk. Knight Commander*.	Sept. 30	Santos	Savannah	do			
		Sp. ss. Miguel M. Pinnellos*.	Oct. 3	Vera Cruz	do	Disinfected and held.	Oct. 8		
		Br. ss. Viola*.	do.	Habana	do	do			
Southport, N. C.	Oct. 17								1
Tortugas, Key West, Fla.	Oct. 10	Am. bk. Stacey Clark	Oct. 10	Puerto Rico.	Sabine Pass	Disinfected and held.		No transactions.	
Washington, N. C.	Oct. 17								

\* Previously reported.

## QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Charleston, S. C.	Oct. 17	Am. sc. Alice Archer.	Oct. 14	Kingston, Jamaica.	Charleston.	Fumigated and disinfected.	Oct. 15		3
Fernandina, Fla.	.....do....	Br. ss. Fort William *.	Oct. 5	Progreso, via Boston.	Fernandina ..	Disinfected and held.	Oct. 12		7
Galveston, Tex.	Oct. 10	Am. sc. Gertrude Abbott.	Oct. 12	Sagua via New York.	do	Held for disinfection.	Oct. 4		23
		Br. ss. Rutherglen *.	Oct. 2	Rio St. Vincent.	Galveston	Disinfected and held.	do.		
		Br. ss. City of Gloucester.	do.	do	do	do	do.		
		Br. ss. Maori *.	do.	Kingston.	do	do	do.		
		Br. ss. Xvonnore *.	Oct. 3	Habana	do	do	Oct. 9		
		Br. ss. Poiana *.	do.	Vera Cruz.	do	do	Oct. 5		
		Br. ss. Yarrowdale.	Oct. 4	Rio	do	do	Oct. 7		
		Br. ss. Inchiala.	Oct. 5	St. Vincent.	do	do	do.		
		Br. ss. Mount Separ.	do.	do	do	do	do.		
		Br. ss. Horatio.	do.	Para	do	do	do.		
		Br. ss. City of Belfast.	do.	Vera Cruz.	do	do	do.		
		Br. ss. Iona.	do.	St. Lucia.	do	do	do.		
		Br. ss. Hollerton.	Oct. 6	Habana	do	do	Oct. 9		
		Br. ss. Collingham.	Oct. 7	Para	do	do	do.		
		Br. ss. Niagara.	do.	Rio	do	do	do.		
		Br. ss. Velleda.	do.	do	do	do	do.		
		Br. ss. Seaside.	Oct. 9	Port Limon	do	do	do.		
		Br. ss. Craignore.	do.	Tampico	do	do	do.		
		Sp. ss. Ramon de Larrinaga.	Oct. 10	Habana	do	do	do.		
Georgetown, S. C.	Oct. 17					No transactions.			9
Key West, Fla.	.....do....								7
Myport (Jacksonville), Fla.	Oct. 13								
Mobile, Ala.	Oct. 10	Ger. bk. A. Schwalbe*.	Sept. 20	Santos	Mobile.	Disinfected and held.	Oct. 4		3
		Nor. s. Chipman *.	Sept. 21	Bahia.	do	Disinfecting ballast.			
		Nor. bk. Sadr*.	Sept. 27	Rio	do	Held for disinfection.			
		Br. sc. Boniform*.	Oct. 3	Grenada.	do	Disinfected and held.	Oct. 6		
		Am. ss. Miami.	Oct. 4	Vera Cruz	do	do.	Oct. 10		
		Nr. ss. Corso.	Oct. 7	do	do	do.			
		Nor. s. Chipman*.	Sept. 21	Bahia.	do	do.	Oct. 11		9
	Oct. 17	Nor. bk. Sadr*.	Sept. 27	Rio	do	do.	Oct. 14		
		Br. ss. Corso*.	Oct. 7	Vera Cruz.	do	do.	Oct. 12		

\* Previously reported.



QUARANTINE REPORTS—Continued.  
State and municipal quarantine stations—Continued.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessels, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Newport News, Va.....	Oct. 17	Br. ss. Ravensdale.....	Oct. 13	Cartagena.....	Mobile.....	Disinfected and held.....	Oct. 16		
Newport, R. I.....	do.....	Br. bk. Jessie Stowe.....	Oct. 14	Santos.....	do.....	do.....	Oct. 17		13
New York, N. Y.....	Oct. 11	Am. bk. Stanhope.....	Oct. 6	Belize.....	do.....	do.....	Oct. 6	No transactions.	100
		Am. ss. Vigilancia.....	Oct. 6	Tampico and Habana.	New York.....	Disinfected; 17 passengers held for completion of period of incubation.	Oct. 7		
	Oct. 18	Am. ss. Seneca.....	Oct. 7	Mexican ports and Habana.	do.....	Disinfected; 21 passengers held, etc.	Oct. 15		124
	Oct. 17	Am. ss. Yumurie.....	Oct. 14	do.....	do.....	Disinfected; 15 passengers held, etc.		No transactions.	3
Providence, R. I.....	Oct. 11								4
Sabine Pass, Tex.....	Oct. 16								11
Tampa Bay, Fla.....	Oct. 10	Br. ss. North Gwalla.....	Oct. 6	San Juan, Puerto Rico.	Tampa.....	Disinfected and held.....			
		Br. ss. Strathcarron.....	Oct. 8	St. Vincent.	do.....	do.....	Oct. 10		
	Oct. 17	Br. ss. North Gwalla*.....	Oct. 6	San Juan, Puerto Rico.	do.....	do.....	Oct. 12		8

\* Previously reported.

*Reports of States and yearly and monthly reports of cities.*

**CALIFORNIA.**—Month of September, 1896. Reports to the State board of health, Sacramento, from 46 cities, towns, and villages, having an aggregate population of 728,714, show a mortality of 805, including phthisis pulmonalis, 156; diphtheria, 3; enteric fever, 21, and measles, 1.

*Los Angeles.*—Month of September, 1896. Estimated population, 100,000. Total deaths, 98, including diphtheria, 1; enteric fever, 3, and phthisis pulmonalis, 21.

*Oakland.*—Month of September, 1896. Estimated population, 60,000. Total deaths, 54, including enteric fever, 2; whooping cough, 1, and phthisis pulmonalis, 12.

*Sacramento.*—Month of September, 1896. Estimated population, 30,000. Total deaths, 40, including 6 from phthisis pulmonalis.

*San Francisco.*—Month of September, 1896. Estimated population, 330,000. Total deaths, 466, including enteric fever, 7; whooping cough, 2, and phthisis pulmonalis, 90.

**CONNECTICUT.**—Month of September, 1896. Reports to the State board of health from 164 cities, towns, and villages, having an aggregate population of 850,290, show a total of 1,188 deaths, including measles, 3; scarlet fever, 10; diphtheria and croup, 39; enteric fever, 34, and whooping cough, 5.

*IOWA—Boone.*—Month of August, 1896. Estimated population, 8,845. Total deaths, 5. No deaths from contagious diseases.

*Cedar Rapids.*—Month of August, 1896. Estimated population, 21,555. Total deaths, 17. No deaths reported from contagious diseases.

*Council Bluffs.*—Month of August, 1896. Estimated population, 20,189. Total deaths, 13. No deaths reported from contagious diseases.

*Davenport.*—Month of August, 1896. Estimated population, 31,484. Total deaths, 44, including whooping cough, 2, and phthisis pulmonalis, 4.

Month of September, 1896. Total deaths, 27, including whooping cough, 1, and phthisis pulmonalis, 3.

*Dubuque.*—Month of August, 1896. Estimated population, 40,000. Total deaths, 34, including diphtheria, 1; enteric fever, 2, and phthisis pulmonalis, 5.

*Eldora.*—Month of August, 1896. Estimated population, 1,900. One death from noncontagious disease.

*Fort Dodge.*—Month of August, 1896. Estimated population, 8,000. Total deaths, 11, including phthisis pulmonalis, 1.

*Oskaloosa.*—Month of August, 1896. Estimated population, 8,500. Total deaths, 3, including 1 from phthisis pulmonalis.

**MARYLAND—Baltimore.**—Month of September, 1896. Estimated population, 506,398. Total deaths, 767, including diphtheria, 20; scarlet fever, 1; enteric fever, 29; measles, 1; whooping cough, 4, and phthisis pulmonalis, 93.

**MASSACHUSETTS—Brockton.**—Month of September, 1896. Estimated population, 33,165. Total deaths, 26, including 2 from phthisis pulmonalis.

**Fitchburg.**—Month of September, 1896. Estimated population, 26,409. Total deaths, 28, including enteric fever, 1, and phthisis pulmonalis, 5.

**North Attleboro.**—Month of September, 1896. Estimated population, 6,727. Total deaths, 13, including 1 from diphtheria and 2 from phthisis pulmonalis.

**Worcester.**—Month of September, 1896. Estimated population, 102,000. Total deaths, 141, including 20 from phthisis pulmonalis.

**MICHIGAN.**—Reports to the State board of health, Lansing, from 71 observers throughout the State, indicate that during the week ended October 10 inflammation of the bowels, pleuritis, neuralgia, and dysentery increased, and intermittent fever and inflammation of kidney decreased in area of prevalence. Phthisis pulmonalis was reported present at 228 places, enteric fever at 79, diphtheria at 38, scarlet fever at 26, whooping cough at 15, and measles at 7 places.

**MINNESOTA—Minneapolis.**—Month of September, 1896. Estimated population, 225,602. Total deaths, 131, including diphtheria, 18; scarlet fever, 1; enteric fever, 7; whooping cough, 1, and phthisis pulmonalis, 9.

**St. Paul.**—Month of September, 1896. Estimated population, 215,000. Total deaths, 115, including diphtheria, 4; membranous croup, 2, and phthisis pulmonalis, 17.

**NEW JERSEY—Hudson County.**—Month of September, 1896. Estimated population, 338,671. Total deaths, 410, including scarlet fever, 2; diphtheria and croup, 21; enteric fever, 7; whooping cough, 13, and phthisis pulmonalis, 39.

**OHIO—Cleveland.**—Month of September, 1896. Estimated population, 330,279. Total deaths, 360, including enteric fever, 16; scarlet fever, 1; diphtheria, 12, and phthisis pulmonalis, 28.

**RHODE ISLAND—Newport.**—Month of September, 1896. Estimated population, 21,500. Total deaths, 36, including enteric fever, 3; whooping cough, 2, and phthisis pulmonalis, 2.

**WASHINGTON—Seattle.**—Month of September, 1896. Estimated population, 60,000. Total deaths, 32, including enteric fever, 2, and phthisis pulmonalis, 2.



## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1880.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ashtabula, Ohio.....	Oct. 17.....	8,338	2	1									
Battle Creek, Mich.....	Oct. 10.....	13,197	1										
Binghamton, N. Y.....	Oct. 17.....	35,005	13	1									
Boston, Mass.....	do.....	448,477	192	29					9	1	13		1
Braddock, Pa.....	Oct. 3.....	8,561	4										
Brockton, Mass.....	do.....	27,294	13	6									
Do.....	Oct. 10.....	27,294	7	1							1		
Brooklyn, N. Y.....	Oct. 17.....	806,343	356	39					3	2	31	1	1
Brownsville, Tex.....	Oct. 10.....	6,134	5										
Butler, Pa.....	Oct. 17.....	8,734	3	1							1		
Cambridge, Mass.....	do.....	70,028	33	5					2		1		1
Carlisle, Pa.....	Oct. 10.....	7,620	3								1		
Charleston, S. C.....	do.....	54,955	126	2					18	2	18	2	2
Chicago, Ill.....	do.....	1,099,850	396	32					3	3	3		
Cincinnati, Ohio.....	Oct. 16.....	296,908	94	16					3	2	7		
Cleveland, Ohio.....	Oct. 10.....	261,353	82	4					3	2	7		
Columbus, Ind.....	do.....	6,719	5								1		
Concord, N. H.....	do.....	17,044	7										
Dayton, Ohio.....	Oct. 13.....	61,220	25	3							4		
Dedham, Mass.....	Oct. 10.....	7,123	2										
Denver, Colo.....	Sept. 26.....	106,713	40	7					7				
Do.....	Oct. 3.....	106,713	25	6					8				
Do.....	Oct. 10.....	106,713	27	4					5				
Dunkirk, N. Y.....	do.....	9,416	6	1									
Emporia, Kans.....	do.....	7,551	4	1									
Erie, Pa.....	do.....	40,634	16						1		1		1
Everett, Mass.....	Oct. 9.....	11,068	6										
Fall River, Mass.....	Oct. 17.....	74,398	46	3							2		
Fitchburg, Mass.....	Oct. 10.....	22,037	9	1					1		1		
Flint, Mich.....	do.....	9,803	1										
Gloucester, Mass.....	do.....	24,651	7						1				
Grand Rapids, Mich.....	do.....	60,278	12										
Haverhill, Mass.....	Oct. 17.....	27,412	2						1				
Jacksonville, Fla.....	Oct. 10.....	17,201	8	2									
Jersey City, N. J.....	Oct. 11.....	163,003	50	5					1		1		
Johnstown, Pa.....	Oct. 10.....	21,805	4	1									
Kalamazoo, Mich.....	do.....	17,853	15						1				
Lynchburg, Va.....	Oct. 17.....	19,709	8						1				
Manchester, N. H.....	Oct. 10.....	44,126	19	2									
Massillon, Ohio.....	Oct. 3.....	10,092	4								2		
Do.....	Oct. 10.....	10,092	0										
McKeesport, Pa.....	do.....	20,741	10										
Melrose, Mass.....	do.....	8,519	1										
Middletown, Ohio.....	do.....	7,681	0										
New Brighton, N. Y.....	do.....	16,423	5	1									
New Haven, Conn.....	Oct. 15.....	81,298	45	3					1		3		
New Orleans, La.....	Oct. 10.....	242,039	95	15					2		1		2
Newport, R. I.....	Oct. 17.....	19,457	6						1				
Newton, Mass.....	Oct. 10.....	24,379	7										
Do.....	Oct. 17.....	24,379	6	1									
New York, N. Y.....	do.....	1,515,301	636	87					15	1	17	2	7
Omaha, Nebr.....	Sept. 26.....	140,452	12										
Do.....	Oct. 3.....	140,452	19	1					2		4		
Oneonta, N. Y.....	Oct. 17.....	6,272	0										
Pensacola, Fla.....	Oct. 10.....	11,750	5										
Philadelphia, Pa.....	do.....	1,046,964	357	39					5		14		2
Providence, R. I.....	Oct. 17.....	132,146	45	8					3		2		
Pueblo, Colo.....	Oct. 10.....	24,558	12										
Richmond, Va.....	Oct. 3.....	81,388	29	4					1				
Do.....	Oct. 10.....	81,388	35	3									
Salt Lake City, Utah.....	do.....	44,813	13								1		
San Francisco, Cal.....	do.....	298,997	104	20					3		1		1
Santa Barbara, Cal.....	do.....	5,864	0										
Scranton, Pa.....	Oct. 3.....	75,215	24	1					1				
Do.....	Oct. 10.....	75,215	25								1		
Seattle, Wash.....	do.....	42,837	7										
Springfield, Mass.....	Oct. 17.....	44,179	19						1				1
Stockton, Cal.....	Oct. 12.....	42,424	6										
Taunton, Mass.....	Oct. 10.....	25,448	14	2					1		1		
Utica, N. Y.....	do.....	44,007	10	2							1		
Waltham, Mass.....	do.....	18,707	7										
Washington, D. C.....	do.....	230,392	110	12					9		3		
Winona, Minn.....	do.....	18,208	8	2									
Worcester, Mass.....	Oct. 9.....	84,635	24	4					1				
Youngstown, Ohio.....	Oct. 10.....	33,220	14	1					2				

\* Estimated population, 65,163 (white, 28,870; colored, 36,295). † White, 7; colored, 19.

Table of temperature and rainfall, week ended October 12, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	48		2	.88		.61
Portland, Me.....	50		5	.84		.89
Northfield, Vt.....	47		5	.49		.15
Boston, Mass.....	54		6	.96		.77
Vineyard Haven, Mass.....	57		6	.91		.75
Nantucket, Mass.....	56		5	.90		.81
Woods Hole, Mass.....	56		6	.86		.82
Block Island, R. I.....	56		5	.96		.13
New Haven, Conn.....	55		7	.91		.55
Albany, N. Y.....	54		6	.77		.70
New York, N. Y.....	58		9	.77		.56
Harrisburg, Pa.....	55		7	.70	1.66	
Philadelphia, Pa.....	59		9	.64	.06	
New Brunswick, N. J.....	55		7	.82		.51
Atlantic City, N. J.....	59		8	.74		.82
Baltimore, Md.....	60		10	.70	.15	
Washington, D. C.....	60		10	.70		.87
Lynchburg, Va.....	60		9	.77		.04
Cape Henry, Va.....	64		7	.84		.02
Norfolk, Va.....	64		8	.91		.31
Charlotte, N. C.....	63		8	.84		.68
Raleigh, N. C.....	63		8	1.13		.99
Kittyhawk, N. C.....	66			.85		
Hatteras, N. C.....	67		5	1.44	1.70	
Wilmington, N. C.....	67		7	1.00	.10	
Columbia, S. C.....	66		6	.56		.43
Charleston, S. C.....	70		6	1.04		.82
Augusta, Ga.....	68		5	.56		.56
Savannah, Ga.....	70		5	.91		.49
Jacksonville, Fla.....	73		6	1.28	.25	
Jupiter, Fla.....	79		3	2.40		1.33
Key West, Fla.....	80		1	1.42	.19	
<b>Gulf States:</b>						
Atlanta, Ga.....	65		4	.47		.39
Tampa, Fla.....	74		3	.49		.28
Pensacola, Fla.....	72		3	.77		.19
Mobile, Ala.....	71		2	.81		.55
Montgomery, Ala.....	69		3	.51		.32
Vicksburg, Miss.....	69		4	.45		.11
New Orleans, La.....	73		3	.71		.49
Shreveport, La.....	69		4	.66	.11	
Fort Smith, Ark.....	65		8	.64		.39
Little Rock, Ark.....	66		6	.49	.20	
Palestine, Tex.....	69		5	.70	.42	
Galveston, Tex.....	74		5	1.03		.92
San Antonio, Tex.....	71		4	.41		.37
Corpus Christi, Tex.....	75		5	.56	.04	
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	65		5	.56	.10	
Nashville, Tenn.....	63		6	.57	.21	
Chattanooga, Tenn.....	64		5	.61	.15	
Knoxville, Tenn.....	62		4	.63	.88	
Louisville, Ky.....	62		6	.59		.27
Indianapolis, Ind.....	57		5	.59	.50	
Cincinnati, Ohio.....	60		7	.49	.46	
Columbus, Ohio.....	57		8	.56		.40
Parkersburg, W. Va.....	57		6	.70		.51
Pittsburg, Pa.....	57		8	.56		.33
<b>Lake Region:</b>						
Oswego, N. Y.....	52		6	.70		.24
Rochester, N. Y.....	52		7	.63		.29
Buffalo, N. Y.....	53		8	.84		.04
Erie, Pa.....	55		9	.91	.43	
Cleveland, Ohio.....	55		8	.66		.19
Sandusky, Ohio.....	56		8	.63		.10
Toledo, Ohio.....	55		8	.56		.02
Detroit, Mich.....	55		9	.56	.48	
Lansing, Mich.....	53		7	.63		.61
Port Huron, Mich.....	52		7	.63	.19	
Alpena, Mich.....	48		5	.91		.90
Sault Ste. Marie, Mich.....	47		4	.82		.82
Marquette, Mich.....	48		2	.76		.61
Green Bay, Wis.....	50		3	.60		.60
Grand Haven, Mich.....	52		5	.77		.77

\* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended October 12, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Milwaukee, Wis.....	54		5	.56		.56
Chicago, Ill.....	56		6	.70		.70
Duluth, Minn.....	47		3	.64	.48	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	51		3	.48	.05	
La Crosse, Wis.....	52		3	.56		.52
Dubuque, Iowa.....	54		4	.65		.51
Davenport, Iowa.....	55		5	.63		.24
Des Moines, Iowa.....	55		4	.70		.25
Keokuk, Iowa.....	57		5	.64		.07
Springfield, Ill.....	58		5	.62	1.07	
Cairo, Ill.....	62		6	.56	.09	
St. Louis, Mo.....	61		5	.64	.01	
<b>Missouri Valley:</b>						
Columbia, Mo.....	59		7	.30	1.32	
Springfield, Mo.....	61		7	.66	.14	
Kansas City, Mo.....	59		7	.77	.17	
Wichita, Kans.....	61		7	.42		.13
Concordia, Kans.....	58		6	.38	.40	
Lincoln, Nebr.....	57		4	.43	.32	
Omaha, Nebr.....	56		4	.63	.11	
Sioux City, Iowa.....	55		8	.42	.68	
Yankton, S. Dak.....	53		5	.38	.55	
Valentine, Nebr.....	52			.21		
Huron, S. Dak.....	50		4	.30		.14
Pierre, S. Dak.....	53		7	.14		.11
Moorhead, Minn.....	46		2	.49	.34	
Bismarck, N. Dak.....	47		4	.26		.17
Williston, N. Dak.....	47		5	.23		.19
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	46	0		.14	.13	
Helena, Mont.....	48	1		.21		.21
Miles City, Mont.....	49		2	.21		.20
Rapid City, S. Dak.....	52		5	.18	.18	
Spokane, Wash.....	50		1	.35		.21
Wallawalla, Wash.....	57		3	.33	.51	
Baker City, Oreg.....	47		1	.26		.23
Winnemucca, Nev.....	51	2		.07		.07
Salt Lake City, Utah.....	54	2		.35		.35
Lander, Wyo.....	46		2	.21		.16
Cheyenne, Wyo.....	49		4	.19		.19
North Platte, Nebr.....	53		6	.21		.20
Denver, Colo.....	53		4	.21		.07
Pueblo, Colo.....	55		4	.15	.27	
Dodge City, Kans.....	59		6	.28		.22
Oklahoma City, Okla.....	64		9	.40		.02
Amarillo, Tex.....	60		7	.37		.03
Abilene, Tex.....	68		8	.56		.29
Santa Fe, N. Mex.....	52	0		.23		.04
El Paso, Tex.....	66		1	.21		.19
Phoenix, Ariz.....	72	6		.14	.04	
<b>Pacific Coast:</b>						
Port Angeles, Wash.....	49		1	.56		.32
Fort Canby, Wash.....	54			1.08		
Astoria, Oreg.....	57		3	1.05		.11
Portland, Oreg.....	56	0		.80		.62
Roseburg, Oreg.....	55		2	.59	.00	
Eureka, Cal.....	52			.52		
Red Bluff, Cal.....	65	5		.28		.28
Carson City, Nev.....	52		1	.07		.07
Sacramento, Cal.....	64	4		.17		.17
San Francisco, Cal.....	60		1	.22		.21
Fresno, Cal.....	68	1		.10		.10
Los Angeles, Cal.....	65		1	.14		.14
San Diego, Cal.....	64	0		.07		.07
Yuma, Ariz.....	75	6		.07		.05

\*The figures in these columns represent the average daily departure.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to October 21, 1896.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....	
Austria-Hungary.....	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...		1	
	Dec. 29-Apr. 26...	130	115	
	May 1-May 13...		145	
	May 14-May 20...		162	
	May 19-May 28...		202	
	May 29-June 7...		66	
	June 9-June 14...		15	
	June 15-July 20...		80	
	Aug. 9-Aug. 15...	22	21	
	Aug. 16-Aug. 29...	64	55	
	Aug. 29-Sept. 5...	18	15	
Cairo.....	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...		138	
	May 19-May 28...		372	
	May 29-June 7...		246	
	June 9-June 14...		109	
	June 15-July 20...		159	
	Aug. 4-Aug. 10...	14	4	
	Aug. 11-Aug. 24...		15	
	Aug. 24-Aug. 31...		46	
	Sept. 1-Sept. 5...		111	
India:				
Bombay.....	Nov. 19-Dec. 24...		15	
	Jan. 14-Feb. 4...		8	
	Feb. 18-Feb. 25...		1	
	Mar. 3-Mar. 31...		18	
	Apr. 2-Apr. 28...		33	
	Apr. 28-June 30...		307	
	July 1-Sept. 15...		221	
Calcutta.....	Nov. 10-Dec. 28...		332	
	Dec. 28-Jan. 4...		41	
	Jan. 4-Jan. 31...		165	
	Feb. 1-Feb. 29...		200	
	Mar. 1-Apr. 25...		1,809	
	Apr. 25-May 30...		817	
	May 31-June 27...		167	
	June 27-Sept. 5...		89	
Madras.....	June 6-June 13...		3	
	July 4-July 17...		3	
	July 25-July 31...		1	
	Aug. 28-Sept. 11...		20	
Singapore.....	Mar. 1-Mar. 31...		4	
	July 1-July 31...		7	
Japan:				
Yokohama.....	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
	Aug. 20-Aug. 26...	3	.....	
Chiba Ken.....	Jan. 6-Jan. 25...	20	13	
	Jan. 24-Feb. 16...	23	16	
	July 2-July 11...	1	.....	
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....	
	Feb. 12-Feb. 15...		2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	
Fukuoka Ken.....	Feb. 29.....	1	.....	
	June 8-July 11...	23	.....	
	July 13-July 21...	5	.....	

\*To date of September 4, 20,289 cases of cholera, with 16,841 deaths, have been reported throughout Egypt, and during the period from August 25 to September 4, 1896, there were 470 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

*Cholera and yellow fever, etc.—Continued.*

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Japan—Continued.</b>				
Osaka Fu.....	Apr. 25.....	1	1	
	Apr. 23-May 8...	1	1	
	May 23-May 30...	1	1	
	June 8-June 17...	1	1	
	July 13-July 21...	1	1	
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3	1	
Saitama Ken.....	June 24-July 3...	1	1	
	July 13-July 21...	1	1	
Okayama Ken.....	June 24-July 11...	4	1	
	July 13-July 21...	1	1	
Nogasaki Ken.....	Aug. 11-Aug. 20...	1	1	
Ishikawa Ken.....	June 24-July 3...	2	1	
Kioto Fu.....	June 17-July 3...	2	1	
	July 13-July 21...	1	1	
Hiogo Ken.....	June 17-July 11...	4	1	
	Aug. 11-Aug. 20...	1	1	
	Sept. 5-Sept. 12...	2	2	
Kagawa Ken.....	June 17-July 21...	3	1	
Kanagawa Ken.....	do.....	9	4	
	Aug. 21-Sept. 4...	3	2	
Miyagi Ken.....	June 17-July 3...	2	2	
Shizuoka Ken.....	June 17-July 11...	3	1	
	July 13-July 21...	1	1	
Yamaguchi Ken.....	June 17-July 3...	1	1	
Shimane Ken.....	Apr. 18.....	1	1	
Tokyo Fu.....	Apr. 17.....	1	1	
	June 8-June 17...	4	5	
	June 24-July 11...	31	4	
	July 13-July 21...	10	8	
	Aug. 11-Sept. 23...	26	8	
Gumma Ken.....	June 24-July 3...	1	1	
Kochi Ken.....	do.....	1	1	
Tochigi Ken.....	June 24-July 11...	2	1	
Wakayama Ken.....	June 24-July 3...	1	1	
	July 13-July 21...	2	1	
Yamaguchi Ken.....	June 24-July 3...	1	1	
Yehime Ken.....	June 8-July 11...	3	1	
	July 13-July 21...	2	1	
Oyama Ken.....	Aug. 21-Sept. 4...	6	1	
Nagano Ken.....	Sept. 5-Sept. 14...	1	1	
Morocco:				
Casa Blanca.....	Jan. 11.....			Cholera reported.
Mazagan.....	do.....			Do.
Stellen.....	Dec. 15.....		13	
Russia:				
Kiev (government).....	Oct. 13-Nov. 11...	156	61	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
St. Petersburg (government).....	Nov. 17-Dec. 7...	21	11	
	Dec. 8-Dec. 28...	27	8	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3	2	
	Feb. 1-Feb. 8...	2	1	
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	65	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...	1	1	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Bren.....	Jan. 17.....			Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....			Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	



## Cholera and yellow fever, etc.—Continued.

## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Mar. 1-Mar. 31.....		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30.....		3	
Brazil:				
Ceara.....	Nov. 30.....	1	1	
	Dec. 24-Dec. 31.....		4	
	Mar. 1-Mar. 31.....		3	
	July 1-July 31.....		1	
Rio de Janeiro.....	Nov. 9-Nov. 30.....		43	
	Dec. 1-Dec. 28.....		136	
	Dec. 28-Jan. 11.....		190	
	Jan. 11-Feb. 1.....		382	
	Feb. 1-Feb. 8.....		111	
	Feb. 8-Feb. 29.....		594	
	Mar. 1-Mar. 14.....		468	
	Mar. 14-Mar. 28.....		459	
	Mar. 28-Apr. 11.....		305	
	Apr. 11-June 27.....		376	
	June 27-Aug. 29.....		30	
	Sept. 5-Sept. 19.....		3	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco.....	Nov. 1-Nov. 15.....	8		
	Apr. 1-Apr. 30.....		8	
	May 1-May 31.....		2	
Bahia.....	Mar. 31.....			Do.
Sao Paulo.....	do.....			Do.
	Jan. 1-Jan. 31.....	5	3	
Araraguara.....	Apr. 4.....			Do.
Belem.....	do.....			Do.
Bicem.....	do.....			Do.
Barrado Pirahy.....	do.....			Do.
Campinas.....	Apr. 7-May 5.....	115		Do.
Casa Branca.....	May 5.....			Do.
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy.....	Apr. 11.....			Do.
Iahu.....	Apr. 4-May 5.....			Do.
Iaboticabal.....	do.....			Do.
Limeira.....	do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	do.....			Do.
Santos.....	Apr. 4-May 5.....			Do.
Parahyba do Sul Valenca.....	do.....			Do.
Rio Claro.....	do.....			Do.
Rorocaba.....	do.....			Do.
Uba.....	Apr. 11.....			Do.
Valenca.....	Apr. 4.....			Do.
Vassouras.....	do.....			Do.
Volta Grande.....	do.....			Do.
Cuba: *				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	do.....			
Camajuani.....	do.....			Do.
Cardenas.....	do.....			Do.
	June 6-June 27.....	13	4	
	June 27-July 25.....	39	14	
	July 25-Aug. 29.....	128	39	
	Aug. 29-Sept. 19.....	104	27	
	Sept. 19-Oct. 10.....		12	
Cienfuegos.....	Dec. 8-Dec. 29.....		2	
	Dec. 29-Jan. 19.....		5	
	Feb. 16-Feb. 23.....		1	
	Apr. 19-May 3.....	1	1	
	May 25.....	1		
	June 1-June 7.....	9	2	
	June 14-June 28.....		9	
	June 28-July 26.....		39	
	July 26-Aug. 30.....		45	
	Aug. 30-Oct. 11.....		73	
Guantanamo.....	July 1-July 31.....		13	
Habana.....	Nov. 28-Dec. 19.....	40	14	
	Dec. 26-Jan. 2.....	7	3	In military hospital
	Jan. 2-Mar. 28.....	40	14	
	Apr. 2-Apr. 30.....		13	

\* Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

## Cholera and yellow fever, etc.—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
<i>Habana—Continued.</i>				
	May 1-May 28...	53	26	
	May 28-June 18...	59	29	
	June 18-June 25...	29	9	
	June 25-July 9...	105	45	
	July 9-July 23...	115	46	
	July 23-July 30...	90	40	
	July 31-Aug. 6...	120	55	
	Aug. 6-Aug. 20...	303	108	
	Aug. 20-Sept. 3...	300	131	
	Sept. 3-Sept. 10...	120	43	
	Sept. 10-Oct. 1...	257	123	
	Oct. 1-Oct. 8...	150	54	
	Oct. 8-Oct. 15...	195	65	
Manzanillo .....	Mar. 15-Mar. 31...	.....	2	
	July 15-July 31...	.....	8	
	Aug. 1-Aug. 31...	.....	5	
	Sept. 1-Sept. 15...	.....	3	
Matanzas.....	June 17-June 24...	56	42	
	June 24-July 8...	124	85	
	July 8-July 29...	200	134	
	July 29-Sept. 30...	.....	267	
	Oct. 1-Oct. 7...	14	14	
Placetas.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Remedios.....	.....do.....	.....	.....	Do.
Santiago.....	Dec. 7-Dec. 21...	.....	29	
	Dec. 21-Dec. 28...	.....	12	
	Dec. 28-Jan. 4...	.....	15	
	Jan. 4-Feb. 15...	.....	47	
	Feb. 22-Feb. 29...	.....	15	
	Mar. 1-Apr. 4...	.....	20	
	Apr. 4-May 30...	.....	22	
	June 1-June 6...	.....	2	
	June 6-June 27...	.....	14	
	June 27-July 4...	.....	7	
	July 4-Aug. 1...	.....	71	
	Aug. 8-Oct. 10...	.....	130	
Sagua la Grande.....	Dec. 1-Dec. 21...	45	3	
	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 15...	8	.....	
	Mar. 13-Mar. 20...	5	.....	
	Apr. 4-Apr. 11...	.....	3	
	May 11-May 18...	.....	.....	Yellow fever reported.
	May 25-June 6...	.....	30	Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18...	124	15	
	July 18-Aug. 8...	265	26	
	Aug. 8-Aug. 29...	230	35	
	Aug. 29-Oct. 3...	302	50	
Yaguajay.....	Aug. 1.....	.....	.....	Yellow fever reported epidemic.
Vueltas.....	.....do.....	.....	.....	Do.
Zulueta.....	.....do.....	.....	.....	Do.
<i>Martinique, West Indies:</i>				
Fort de France.....	Aug. 3-Aug. 6...	.....	2	
<i>Mexico:</i>				
Acapulco.....	July 11-July 18...	1	.....	
Tuxpan.....	Jan. 11-Jan. 23...	.....	4	
Vera Cruz.....	May 21-May 28...	5	.....	
	May 28-June 5...	.....	.....	Yellow fever reported.
	July 29.....	3	.....	
	July 30-Aug. 13...	6	.....	
	Aug. 20-Aug. 27...	1	.....	
<i>Peru:</i>				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
	Sept. 14.....	1	.....	
<i>Puerto Rico:</i>				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	
	Sept. 1-Sept. 7...	2	1	
San Salvador.....	Oct. 19.....	.....	.....	Yellow fever reported.
<i>U. S. of Colombia:</i>				
Panama.....	Aug. 15-Aug. 22...	2	1	

## BRAZIL.

*Sanitary reports from Rio de Janeiro.*RIO DE JANEIRO, *September 15, 1896.*

SIR: I have the honor to transmit the report for the week ended September 12, 1896:

There were 6 deaths from *accessio pernicioso*, an increase of 2; 3 from yellow fever, none in the foregoing week; 2 from smallpox, an increase of 1; 1 from beriberi, a decrease of 1; 2 from whooping cough, none in the foregoing week; 43 from tuberculosis, an increase of 4, and none from influenza, 1 in the foregoing week. From all causes there were 264 deaths, an increase of 42. With the incoming hot season we may expect an increase in the mortality rates, especially as the winter has been unusually mild and moist.

Since last report the following-named ships have been visited or received bills of health from this office: September 9, steamship *Salerno*, German, for New York, N. Y.; steamship *Yarrowdale*, British, for Galveston, Tex.; ship *Parthenope*, British, for Norfolk, Va.; barkentine, *James W. Elwell*, American, for Barbados, West Indies; steamship *Velleda*, British, for Galveston, Tex., and bark *Virginia*, American, for Pensacola, Fla. September 11, steamship *Lassell*, British, for New York, N. Y. September 12, steamship *Freshfield*, British, for New Orleans, La.; bark *Inverurie*, British, for New York; steamship *Niagara*, British for Galveston, Tex., and steamship *Carib Prince*, British, for New York from Santos.

Respectfully, yours,

R. CLEARY, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

RIO DE JANEIRO, *September 22, 1896.*

SIR: I have the honor to transmit the report for the week ended September 19, 1896.

There were 3 deaths from *accessio pernicioso*, a decrease of 3; none (nor cases) of yellow fever; 3 from smallpox, an increase of 1; 2 from beriberi, a decrease of 1; 5 from enteric fever, an increase of 2; 1 from measles, none in the foregoing week; none from whooping cough, 2 in the former week; 53 from tuberculosis, an increase of 10, and 258 from all causes, a decrease of 6.

This is the first week in the year without either a case or a death from yellow fever. The health of the town and port is good.

Since last report the following-named ships have been inspected or received bills of health from this office: September 15, ship *Bellona*, British, for Ship Island, Miss.; schooner *Katie J. Iselan*, American, for Barbados, West Indies, and shipentine *Kate Thomas*, British, for Portland, Oreg. September 16, bark *C. P. Dixon*, American, for Barbados; September 17, ship *Pengwern*, British, for Portland, Oreg., and steamship *Entre Rios*, French, for New Orleans. September 18, bark *Serapis*, Danish, for Apalachicola, Fla. September 19, steamship *Hevelius*, Belgian, for New York, N. Y., and barkentine *Grace Lynwood*, American, for Barbados, West Indies. September 21, steamship *Samoa*, British, for New Orleans, La.; steamship *Monrovia*, British, for New Orleans, La.; bark *Guldregn*, Norwegian, for Pensacola, Fla.; steamship *Hillbrook*, British, for Galveston, Tex., and ship *Rosa Alegreto*, Spanish, for Brunswick, Ga. September 22, bark *Gurla*, Swedish, for Tybee Roads, Ga.

Respectfully, yours,

R. CLEARY, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

## CANADA.

*Bacteriological diagnosis of typhoid fever.*

COATICOOK, CANADA, October 12, 1896.

SIR: I have the honor to communicate the following, relating to the matter of typhoid fever, viz: The board of health of the Province of Quebec have just issued a circular to the medical profession offering to make serum-diagnosis of typhoid fever, free of charge. The offer is made to test the practical utility of the method proposed to be conducted under the direction of Dr. Wyatt Johnson, bacteriologist of the board. Physicians are requested to submit samples of dried blood of patients in sterilized paper (furnished gratis by the board). A report is communicated by telephone at 2 P. M. following the day upon which the sample is received. A copy of the circular has been requested which will be forwarded if the same can be obtained.

I am, sir, your obedient servant,

J. LINSLEY,  
United States Consul.

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

The United States consul at Cardenas reports 2 deaths from yellow fever during the week ended October 10.

The United States consul at Matanzas reports 14 deaths from yellow fever during the week ended October 7.

Under date of October 6 the United States consul at Cienfuegos reports that during the week ended October 11 there were in that city 15 deaths from yellow fever and 5 from smallpox.

The United States sanitary inspector at Santiago de Cuba reports 32 deaths from yellow fever and 31 deaths from smallpox, during the 3 weeks ended October 10.

The United States sanitary inspector at Habana reports 195 cases of yellow fever, with 65 deaths, during the week ended October 15.

HABANA, CUBA, October 17, 1896.

SIR: In the following mortuary report which I have the honor of forwarding you to-day, it will be seen that yellow fever does not exist to any great extent among civilians in this city, which circumstance is probably owing to the fact that but few of such persons have come here during the past year who are liable to have it. But that disease continues with all its malignancy and perhaps in increasing numbers among the Spanish soldiers. The statistics of the many military hospitals in the neighborhood of Habana, that is to say within a radius of 25 miles or so, and in which there are more or less cases of yellow fever, can not at present be obtained, if ever.

I am informed that the government here has appropriated and is already using for hospital purposes the extensive "Almacenes," or sugar storehouses of Regla, which structures it will be remembered are situated contiguous to the wharf on the opposite side of the harbor from



this city. This measure, of course, will infect those buildings and possibly such sugar as may or will be stored in them.

Smallpox here is now limited almost entirely to civilians, as the Spanish troops are now supposed to be vaccinated either before leaving Spain or on their way here.

Mortuary report: During the week ended October 15, there were 238 deaths in this city from all diseases. Sixty-five of those deaths were caused by yellow fever, with approximately 195 new cases; 23 were caused by smallpox, with 160 new cases approximately; 13 were caused by enteric fever, 8 by so-called pernicious fever, 5 by paludal fever, 7 by dysentery, 9 by enteritis, 1 by glanders, 1 by the gripe, 1 by pneumonia, and 26 by tuberculosis.

Sixty-one of the 65 deaths from yellow fever during the week were among Spanish soldiers in the military hospitals, while the remaining 4 deaths from that disease were among civilians in the city.

All of the deaths from smallpox were among civilians in poor circumstances.

Very respectfully,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

SANTIAGO DE CUBA, *September 26, 1896.*

SIR: I have the honor to inform you that the sanitary condition of Santiago de Cuba during the week ended September 26 is not so favorable as that of the week before. The deaths have increased again, the records giving 100 against 74 last week. Yellow fever has caused 14 deaths, smallpox 13, remittent fever 12, tuberculosis 10, enterocolitis 15, pernicious fever 8; the rest from common diseases, both acute and chronic, of noncontagious character.

The terrible heat of the last few days, allied to the agglomeration of the poor in hovels and houses too small to contain them, keep up the unhealthy condition of the city, world renowned for the total absence of hygienic measures to preserve the health of its inhabitants.

I am happy to inform you that Dr. P. H. Hyatt, the American consul, has again taken charge of the United States consulate, and, although not feeling quite well or strong, manages to get through its arduous duties.

SANTIAGO DE CUBA, *October 3, 1896.*

SIR: I have the honor to inform you that there have been 69 deaths during the week ended this Saturday, October 3. Of these, 6 were from yellow fever, 8 from smallpox, 2 from tuberculosis, 3 from pernicious fever, 7 from diarrhea, 1 from typhomalarial fever, 3 from remittent fever, and the rest from noncontagious diseases.

The sanitary condition of Santiago has become better owing to heavy rainfalls and to a cooler temperature, also to the absence of great bodies of troops gone into active operations to the seat of war. Smallpox, as I have reported before, is gradually dying out from want of material for the disease to work on. Yellow fever prevails among the unacclimated soldiers to a large extent. Malarial fevers are very common, especially among children under the form of typhomalaria.

SANTIAGO DE CUBA, *October 10, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended October 10:

Seventy-eight deaths have been reported for this period, of which 12 were from yellow fever, 6 from smallpox, 3 from typhomalarial fever,



7 from remittent fever, 5 from tuberculosis, 1 from dysentery, 3 from diarrhea, and the rest from common affections of noncontagious character.

The smallpox epidemic is almost at an end as there are few cases now under treatment and no new invasions are reported. Yellow fever is about the same as last week. Remittent fever and typhomalaria prevail to a great extent. Diarrhea is very common.

Respectfully,

HENRY S. CAMINERO, M. D.  
Sanitary Inspector, U. S. M. H. S.

# JAPAN.

## Report of the prevalence of cholera, dysentery, and smallpox.

YOKOHAMA, September 23, 1896.

SIR: I have the honor to transmit herewith my usual report of infectious disease in Japan for the period September 15 to 23, inclusive.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,  
Sanitary Inspector, U. S. M. H. S.

[Inclosure.]

## Report of infectious disease in Japan, from September 15 to September 23, 1896.

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			99	30		
Osaka Fu.....			144			
Tokyo Fu.....	3	1	144	(*)	1	
Aichi Ken.....			235	59		
Akita Ken.....			122	14		
Awamori Ken.....			9			
Chiba Ken.....			56	16		1
Fukuoka Ken.....			129	34		
Fukushima Ken.....			5	1		
Gifu Ken.....			226	65		
Gumma Ken.....			771	281		
Hiogo Ken.....			353	91	35	26
Ibaraki Ken.....			1	1		
Ishikawa Ken.....			121	30		
Iwate Ken.....			66	8		
Kagawa Ken.....			550	81		
Kagoshima Ken.....			206	60		
Kanagawa Ken.....			129	30	5	
Kochi Ken.....			134	22		
Kumamoto Ken.....			120	29		
Miyagi Ken.....			318	82	7	1
Miyazaki Ken.....			87	16		
Miye Ken.....			63	14		
Nagano Ken.....			2,150	402		
Nagasaki Ken.....			26	7		
Nara Ken.....			134	33		
Niigata Ken.....			1,044	116		
Oita Ken.....			142	44		
Okayama Ken.....			258	79		
Saga Ken.....			3	1		
Saitama Ken.....			211	42	1	1
Shizuoka Ken.....			132	32		
Shimane Ken.....			817	258		
Tokushima Ken.....			297	98	5	2
Tottori Ken.....			59	17		
Toyama Ken.....			63	19		
Yamagata Ken.....			115	11		
Yamaguchi Ken.....			301	82		
Yamanashi Ken.....			64	9		
Yehime.....			121	30		
The Hokkaido.....			2	1	2	2

\* No report.

## PERU.

*One case of yellow fever in Callao.*

Under date of September 21, 1896, the United States consul at Callao reports as follows:

A suspicious case of fever, thought to be yellow, was reported at the hospital here. It was that of a sailor who had stopped at Guayaquil. He died last week. Season not propitious to the spread of this disease.

## SALVADOR.

*Yellow fever reported present in Salvador.*

The following telegram has been received through the Department of State:

MANAGUA, NICARAGUA, October, 19, 1896.

Quarantine Salvador—yellow fever.

## TURKEY.

[Report No. 160.]

*Report of the United States Sanitary Commissioner.*

CONSTANTINOPLE, September 23, 1896.

As a sequel to what I have already said in my last report I must state that a commission has been appointed in consequence of an irade or imperial order, the mission of which commission was to ascertain if the corpses of the massacred people have been buried according to the rules of hygiene and have not endangered public health. The above-mentioned commission, the members of which were mostly members of the international board of health, has visited the Armenian cemetery at Shishly, where they saw three large graves, one of which was 45 by 5 meters and nearly 2 meters deep. The two other graves were smaller, about 8 by 3 meters each, where several hundred corpses were buried.

The above-mentioned commission has not visited the other Armenian cemeteries of Constantinople, as that, for instance, of Yed-Kuléh, Has Kioi, and other places where the massacred people have been buried. In yesterday's sitting of the sanitary commission, the question whether the prison will not endanger the public health of the capital was discussed. It has been said, for instance, that the arrested Armenians are so many and so thronged in the prisons that the poor prisoners are obliged to stay on foot all the time they are in prison, being unable to lie down on account of lack of room. I will be able to state the sanitary condition of the prisons after the commission presents its report. If what has been said is true, such a condition may cause the outbreak of infectious diseases. There are already several cases of typhoid fever, but every year at this season this disease exists. What a physician can see now are frightened patients suffering from the consequences of what they saw during the massacres of the 26th and 28th of last August, when all along the streets of Galata, men armed with cudgels were striking living men or dead bodies—a dreadful and terrific sight.

The sanitary news from the provinces is good. In Egypt cholera is abating, and it is to be hoped that very soon quarantine will be diminished and after a few weeks abolished. The Bulgarian Government has ordered the passengers entering Bulgaria through Mustafa Pasha and Cassova not to submit to vaccination (see my report No. 156). I forward a copy of the communication in French. I have also the honor to forward a copy printed in French with plans of the rapport de la commission des lazarets.

SPIRIDION C. ZAVITZIANO.

#### STATISTICAL REPORTS.

**BRITISH COLUMBIA**—*Victoria*.—Three months ended September 30, 1896. Estimated population, 7,000. Total deaths, 71. No deaths reported from contagious diseases.

**CUBA**—*Manzanillo*.—Two weeks ended September 30, 1896. Estimated population, 14,000. Total deaths, 24, including scarlet fever, 3, and 6 from enteric fever.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended October 3, correspond to an annual rate of 15.7 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Bolton, viz, 20.8, and the lowest in Leicester and Brighton, viz, 10.0 a thousand.

*London*.—One thousand two hundred and seventy-six deaths were registered during the week, including measles, 7; scarlet fever, 27; diphtheria, 69; whooping cough, 9; enteric fever, 13, and diarrhea and dysentery, 9. The deaths from all causes correspond to an annual rate of 15.0 a thousand. In greater London 1,647 deaths were registered, corresponding to an annual rate of 13.9 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 3 from scarlet fever, and 9 from whooping cough.

*Ireland*.—The average annual death rate represented by the deaths registered during the week ended October 3 in the 16 principal town districts of Ireland was 20.0 a thousand of the population. The lowest rate was recorded in Newry, viz, 8.1, and the highest in Drogheda, viz, 30.7 a thousand. In Dublin and suburbs 135 deaths were registered, including scarlet fever, 3; enteric fever, 6, and whooping cough, 1.

*Scotland*.—The deaths registered in 8 principal towns during the week ended October 3 correspond to an annual rate of 17.2 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Edinburgh, viz, 14.9, and the highest in Greenock, viz, 20.2 a thousand. The aggregate number of deaths registered from all causes was 503, including measles, 10; scarlet fever, 6; diphtheria, 9, and whooping cough, 9.

**JAMAICA**—*Kingston*.—Month of September, 1896. Estimated population, 34,314. Total deaths, 78, including enteric fever, 4, and phthisis pulmonalis, 5.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Acapulco.....	Oct. 3....	5,000	8								
Aix la Chapelle.....	Sept. 26....	111,526	36								1
Alexandria.....	July 15....	231,396	219	16				1		1	
Amapala.....	Aug. 29....	1,500	0								
Do.....	Sept. 6....	1,500	0								
Do.....	Sept. 13....	1,500	0								
Do.....	Sept. 19....	1,500	0								
Do.....	Sept. 26....	1,500	0								
Amherstburg.....	Oct. 10....	2,300	1								
Amsterdam.....	Oct. 3....	490,509	128							3	2
Antigua.....	Sept. 26....	36,119	13								
Do.....	Oct. 3....	36,119	20								
Belfast.....	do.....	277,354	113					2	4		5
Belize.....	Oct. 9....	13,000	7								
Birmingham.....	Oct. 3....	501,241	157						2	1	2
Bluefields.....	do.....	3,000	3								
Bombay.....	Sept. 8....	821,764	593	20		4					1
Do.....	Sept. 15....	821,764	618	9							1
Bremen.....	Sept. 26....	142,000	36							1	
Bristol.....	Oct. 3....	230,623	50					1			
Brussels.....	Sept. 26....	482,158	168					7	1	1	5
Cairo.....	July 15....	374,838	399	19		3		3	11	1	1
Calcutta.....	Sept. 5....	681,560	326								
Callao.....	Sept. 13....	25,000	30			4					1
Cardiff.....	Oct. 3....	162,690	45							3	1
Catania.....	Sept. 29....	103,000	44					2			
Christiania.....	Sept. 26....	182,856	58					5			
Cienfuegos.....	Oct. 4....	24,030	48		12	2					
Coaticook.....	Oct. 3....	2,500	0								
Do.....	Oct. 10....	2,500	1					1			
Cologne.....	Sept. 26....	327,940	114					1	1	3	1
Crefeld.....	Oct. 3....	108,000	32								2
Dublin.....	Sept. 26....	350,000	104					2	2		
Do.....	Oct. 3....	350,000	135				1	3			
Dundee.....	do.....	161,620	50				1			1	
Dusseldorf.....	Sept. 26....	180,825	70							2	1
Edinburgh.....	Oct. 3....	276,514	79					1		2	1
Flushing.....	do.....	16,300	8								
Frankfort on the Main.....	Oct. 6....	233,000	60							1	1
Funchal.....	Oct. 19....	35,665	23								
Do.....	Oct. 26....	35,665	25					8			1
Genoa.....	Oct. 3....	211,611	72					1			
Ghent.....	Aug. 29....	157,214	78					1			2
Do.....	Sept. 5....	157,214	70					1		1	
Do.....	Sept. 12....	157,214	56								1
Do.....	Sept. 19....	157,214	58						1	1	2
Do.....	Sept. 26....	157,214	59								
Do.....	Oct. 3....	157,214	58							1	
Gibraltar.....	Sept. 27....	25,800	6								
Girgenti.....	Sept. 6....	24,428	7								
Glasgow.....	Oct. 3....	705,052	246						4	3	9
Gothenburg.....	Sept. 26....	114,527	27					1			
Guayaquil.....	Sept. 25....	50,000	43			2		14	1		
Halifax.....	Oct. 10....	38,700	26								
Hamburg.....	Sept. 26....	625,532	191					2	1	1	5
Do.....	Oct. 3....	625,532	149							3	6
Hamilton, Bermuda.....	Oct. 6....	15,013	0								
Do.....	Oct. 13....	15,013	0								
Hioho.....	Sept. 12....	161,120	143	2		25		3			
Do.....	Sept. 19....	161,120	148			25					
Kingston, Canada.....	Oct. 9....	17,955	3								
Kingston, Jamaica.....	Sept. 26....	34,314	1								
Königsberg.....	Oct. 3....	171,700						1	2	1	
Leeds.....	do.....	402,449	134					4	3	1	3
Leith.....	do.....	74,110	26						1	2	
Leghorn.....	do.....	103,507	30					1			
Lieat.....	Sept. 26....	20,000	21			7	3	2			
Liege.....	Oct. 3....	163,107	36								1
Liverpool.....	do.....	641,063	236					3	7	4	2
Livingston.....	do.....	1,500	0								
Madras.....	Sept. 11....	452,518	419	13		3					11
Madrid.....	Sept. 30....	482,816	310			51		11			
Magdeburg.....	Sept. 5....	214,642	93						1	1	2
Do.....	Sept. 12....	214,642	85							4	4



## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Magdeburg.....	Sept. 19.....	214,916	75							2	
Manchester.....	Sept. 26.....	531,697	193					1	3	1	7
Do.....	Oct. 3.....	531,697	176								8
Mannheim.....	Sept. 26.....	92,000	22					1			
Maracaibo.....	Oct. 3.....	50,000	20								
Matamoras.....	Oct. 9.....	8,000	7								
Matanzas.....	Oct. 7.....	55,000	66	14				9			
Mayence.....	Oct. 3.....	74,912	20								2
Messina.....	do.....	107,000	16								
Moscow.....	Sept. 26.....	800,000	459					10	1	12	11
Monte-Cristi.....	Oct. 10.....	1,500	1								
Montevideo.....	Sept. 12.....	215,061	53		1						
Munich.....	do.....	406,000	165							2	3
Do.....	Sept. 19.....	406,000	175							6	
Naples.....	Sept. 26.....	542,396	154					17			
Newcastle on Tyne.....	Oct. 3.....	212,223	69					5	18	1	36
Nuremberg.....	Sept. 19.....	165,283	53							1	
Ocos.....	Sept. 27.....	650	0								
Odesa.....	Sept. 26.....	353,000	214		3				32	3	4
Palermo.....	do.....	273,000	110							3	
Plymouth.....	Oct. 3.....	89,686	23								1
Port au Prince.....	Sept. 14.....	60,000	17								
Do.....	Aug. 21.....	60,000	16								
Do.....	Aug. 23.....	60,000	16								
Prague.....	Sept. 26.....	198,017	85					1	1	1	
Puerto Cortez.....	Oct. 7.....	1,950	0								
Rotterdam.....	Oct. 3.....	282,717	85							3	
St. Georges.....	do.....	2,150	1								
Do.....	Oct. 10.....	2,150	0								
St. Petersburg.....	Sept. 26.....	1,013,000	506		2			30	10	19	2
St. Stephen.....	Oct. 10.....	3,000	2								6
Sagua la Grande.....	Oct. 3.....	17,536	33		10						
San Juan del Norte.....	Sept. 26.....	1,280	2								
Do.....	Oct. 3.....	1,280	3								
San Pedro, Honduras.....	do.....	3,800	3								
Schiedam.....	do.....	26,233	10								
Sheffield.....	do.....	349,791	124					3			2
Southampton.....	Sept. 26.....	94,093	33								
Do.....	Oct. 3.....	94,093	33						4		
South Shields.....	do.....	92,773	31						1	1	1
Stettin.....	Sept. 26.....	140,000	45					1	1		
Stockholm.....	do.....	267,100	74					1		3	3
Stuttgart.....	Oct. 1.....	158,378	35						1	1	1
Sunderland.....	Oct. 3.....	140,386	55					1			
Tegucigalpa.....	Sept. 28.....	12,000	5								
Trapani.....	Sept. 26.....	43,095	12								
Trieste.....	do.....	158,314	75						4	3	
Tuxpan.....	do.....	10,280	9								
Turks Islands.....	Oct. 3.....	2,000	1								
Do.....	Oct. 10.....	2,000	1								
Venice.....	Sept. 26.....	161,636	60								
Vera Cruz.....	Oct. 8.....	27,065	33								
Yarmouth, Nova Scotia.....	Oct. 10.....	6,087	2								
Zurich.....	Sept. 26.....	149,000	43							2	

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.